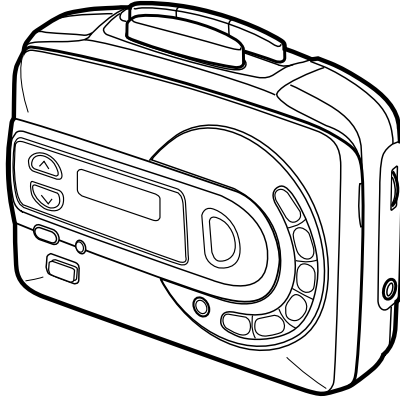


HS-TX394_{YU,YL,YZ}

HS-TX396_{YH,YL,YZ,YJ}

HS-TX399_{YL}



SERVICE MANUAL

STEREO RADIO
CASSETTE PLAYER

BASIC TAPE MECHANISM : 4ZM-2
(P5NC,P5NF)

aiwa

S/M Code No. 09-991-404-8R1

REVISION

SPECIFICATIONS

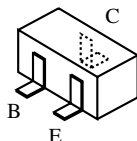
Frequency range:	For using in North and South America AM: 530 – 1,710 kHz (10 kHz step) FM1,FM2: 87.5 – 108.1 MHz (200 kHz step) For using in Europe and other countries AM: 531 – 1,602 kHz (9 kHz step) FM1,FM2: 87.5 – 108 MHz (50 kHz step) For using in Japan <YU,YL> AM: 531 – 1,629 kHz (9 kHz step) FM1,FM2: 76 – 108 MHz (100 kHz step in 76 – 90 MHz, 50 kHz step in 90 – 108 MHz)
Maximum output:	4 mW + 4 mW (EIAJ/32Ω)<YZ> 15 mW + 15 mW (EIAJ/32Ω)<YU,YL,YH>
Power source:	DC 3V using two R6 (size AA) dry cell batteries AC house current using an optional AC adaptor AIWA AC – D302 <YH>
Battery life (EIAJ 1 mW output):	Approx. 7 hours using R6P (size AA) manganese batteries Approx. 22 hours using LR6 (size AA) alkaline batteries
Maximum dimensions:	116.7 (W) x 91.5 (H) x 35 (D) mm ($4\frac{5}{8}$ x $3\frac{3}{4}$ x $1\frac{5}{8}$ in.)
Weight	Approx.140g (4.9 oz) (excluding batteries)

- Design and specifications are subject to change without notice.

ACCESSORIES / PACKAGE LIST

REF.NO.	PARTNO.	KANRI NO.	DESCRIPTION
1	8Z-HRC-904-010	IB,Y(DGI)-INTX396<396YZ>	
1	8Z-HRC-911-010	IB,Y(DGI)-INTX394<394YZ>	
1	8Z-HRC-903-010	IB,Y(ESF)-TX396 IN<396YZ>	
1	8Z-HRC-910-010	IB,Y(ESF)-INTX394<394YZ>	
1	8Z-HRC-907-010	IB,Y(POHCZ)-INTX396<396YZ>	
1	8Z-HRC-912-010	IB,Y(POHCZ)-INTX394<394YZ>	
1	8Z-HRC-918-010	IB,YJ(ECC)-TX396 IN<YJ>	
1	8Z-HRC-919-010	IB,YH(ECC)-TX396C<YH>	
1	8Z-HRC-921-010	IB,YL-TX399-CCE<399YL>	
1	8Z-HRC-920-010	IB,YL(ESP)-TX394 IN<394YL>	
1	8Z-HRC-906-010	IB,YL(ESP)-TX396C<[S]396YL>	
1	8Z-HRC-909-010	IB,YL(ESP)-IN<[S]396YL1,[S]396YLB>	
1	8Z-HRC-908-010	IB,YU(ESF)-IN<YU>	
2	84-447-019-310	CLIP,BELT	
3	87-B30-150-110	HEADPHONE,HP-M006A(F)<YH,YZ>	
3	87-B30-124-110	HEADPHONE,HP-M028<YU,[S]396YLB,[S]396YL>	
3	87-B30-145-110	HEADPHONE,HP-M029(T)<394YL,[S]396YL1,399YL>	

TRANSISTOR ILLUSTRATION



RN2411	2SA1362
RN2407	2SC2714
RN1411	2SC2712
RN1407	KTA1298Y
DTC144EK	

REF. NO.	PARTNO.	KANRI NO.	DESCRIPTION	REF. NO.	PARTNO.	KANRI NO.	DESCRIPTION
IC				C118	87-010-805-080		CAP, S 1-16
				C119	87-010-197-080		CAP, CHIP 0.01 DM
				C120	87-010-194-080		C-CAP,S 0.047-25 ZF<YU,YL>
				C120	87-010-197-080		CAP, CHIP 0.01 DM<YZ>
				C121	87-012-157-080		C-CAP,S 330P-50 CH
	87-A21-235-080		C-IC,LAG668FTF	C122	87-012-141-080		CHIP-CAPACITOR,0.22-16F
	87-A20-851-040		C-IC,TA2111F	C123	87-012-141-080		CHIP-CAPACITOR,0.22-16F
	87-A21-049-010		C-IC,LC72343G-9482<YH,YJ,YZ>	C124	87-010-805-080		CAP, S 1-16
	87-A21-149-010		C-IC,TC9322FB-501<YU,YL>	C125	87-010-196-080		CHIP CAPACITOR,0.1-25
	87-001-145-080		IC,TA8126F	C126	87-010-196-080		CHIP CAPACITOR,0.1-25
TRANSISTOR							
	89-113-625-080		TR,2SA1362GR(120MHZ,0.	C127	87-010-419-040		CAP,E 4.7-16 5L
	87-026-210-080		CHIP-TR,DTC144EK	C128	87-010-452-080		CAPACITOR,1-16
	87-026-264-080		C-TR,RN1411	C129	87-010-426-080		C-CAP,S 0.012-25 B
	87-026-262-080		C-TR,RN1407	C130	87-010-426-080		C-CAP,S 0.012-25 B
	89-327-143-080		TR,2SC2714 (0.1W)	C131	87-010-426-080		C-CAP,S 0.012-25 KB
	87-026-268-080		C-TR,RN2411	C132	87-010-426-080		C-CAP,S 0.012-25 KB
	87-A30-159-080		C-TR,RTA1298Y	C133	87-010-822-040		CAP,E 220-4 (MJ)
	89-327-125-080		CHIP TR,2SC2712GR	C134	87-010-822-040		CAP,E 220-4 (MJ)
				C136	87-010-178-080		CHIP CAP 1000P
				C138	87-016-461-080		C-CAP,S 0.47-16F
DIODE							
	87-001-142-080		DIODE,1SS294 (100MA)	C140	87-010-178-080		C-CAP,S 1000P-50 KB<YH,YJ,YZ>
	87-020-027-080		CHIP-DIODE 1SS184	C140	87-012-154-080		C-CAP,S 150P-50 J CH<YU,YL>
	87-A40-260-080		C-ZENER,UDZ2.0B<YH,YJ,YZ>	C141	87-010-178-080		C-CAP,S 1000P-50 KB<YH,YJ,YZ>
	87-026-267-080		LIGHT EMITTING DIODE,RN2407	C142	87-010-178-080		C-CAP,S 1000P-50 KB
				C143	87-010-178-080		C-CAP,S 1000P-50 KB<YH,YJ,YZ>
MAIN C.B				C145	87-010-178-080		C-CAP,S 1000P-50 KB<YU,YL>
				C146	87-010-197-080		C-CAP,S 0.01-25 KB<YU,YL>
	BPF101	87-A90-601-010	FLTR,BPF GFWB7	C150	87-010-178-080		C-CAP,S 1000P-50 KB<YU,YL>
	C1	87-010-179-080	CAP,CHIP S B1200P	C150	87-010-321-080		C-CAP,S 82P-50 J CH<YU,YL>
	C2	87-010-179-080	CAP,CHIP S B1200P	C401	87-010-196-080		CHIP CAPACITOR,0.1-25
	C3	87-010-501-040	E/CAP GAS 47-4				
	C4	87-010-820-040	CAP,E 47-4 (MJ)	C402	87-010-196-080		CHIP CAPACITOR,0.1-25
				C403	87-010-805-080		CAP, S 1-16
	C5	87-016-369-080	C-CAP,S 0.033-25 KB GRM	C404	87-010-805-080		CAP, S 1-16
	C6	87-016-369-080	C-CAP,S 0.033-25 KB GRM	C405	87-010-499-040		CAP,E 22-6.3 GAS
	C7	87-012-141-080	CHIP-CAPACITOR,0.22-16F	CF101	87-A91-162-010		FLTR,PFS450A7
	C8	87-012-141-080	CHIP-CAPACITOR,0.22-16F				
	C9	87-010-196-080	CHIP CAPACITOR,0.1-25	CF104	87-A91-093-010		FLTR,KIT KSKM2CD-AO-003
				D101	87-A40-462-040		

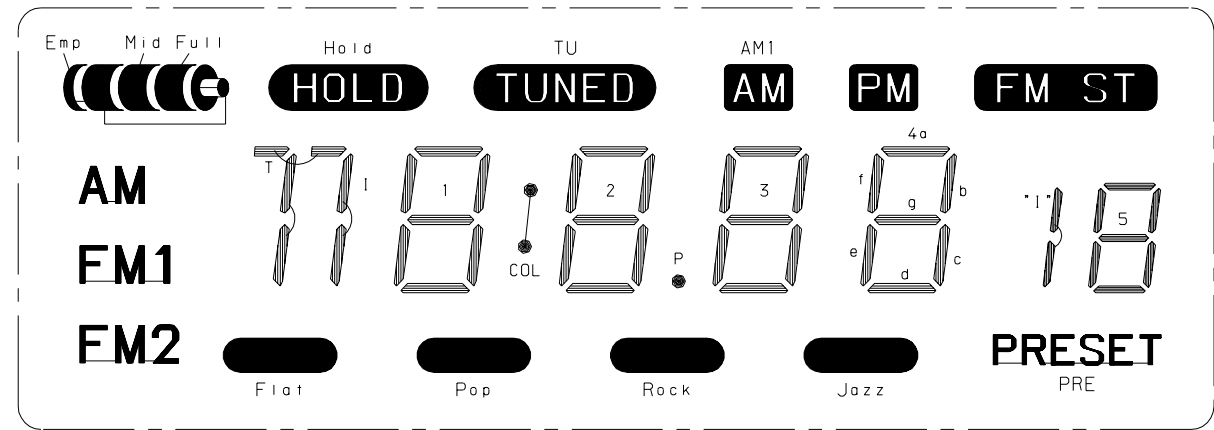
REF.NO.	PARTNO.	KANRI NO.	DESCRIPTION
C253	87-010-197-080	CAP, CHIP 0.01 DM	
C254	87-010-452-080	CAPACITOR,1-16	
C255	87-010-197-080	CAP, CHIP 0.01 DM	
C256	87-010-150-080	C-CAP,S 6P-50 CH	
C257	87-012-156-080	C-CAP,S 220P-50 CH	
C258	87-010-805-080	CAP, S 1-16	
C271	87-010-181-080	CAP,CHIP S 1800P<YU,YL>	
C272	87-010-181-080	CAP,CHIP S 1800P<YU,YL>	
C273	87-010-181-080	CAP,CHIP S 1800P<YU,YL>	
C274	87-010-181-080	CAP,CHIP S 1800P<YU,YL>	
C275	87-010-805-080	CAP, S 1-16<YU,YL>	
C277	87-010-805-080	CAP, S 1-16<YU,YL>	
C278	87-010-805-080	CAP, S 1-16<YU,YL>	
C279	87-010-805-080	CAP, S 1-16<YU,YL>	
C280	87-010-312-080	C-CAP,S 15P-50 CH<YU,YL>	
C281	87-010-312-080	C-CAP,S 15P-50 CH<YU,YL>	
C282	87-012-142-080	CAP, S 0.33-16<YU,YL>	
C284	87-010-196-080	CHIP CAPACITOR,0.1-25<YU,YL>	
C285	87-010-196-080	CHIP CAPACITOR,0.1-25<YU,YL>	
C287	87-010-196-080	CHIP CAPACITOR,0.1-25<YU,YL>	
C288	87-010-427-080	C-CAP,S 0.039-25 B<YU,YL>	
L251	87-A50-396-040	C-COIL,D-D CONV CP-4LBM	
LCD201	8Z-HRC-603-010	LCD,ASSY(BAND/TU) 19P<YH,YJ,YZ>	
LCD201	88-HRC-610-010	LCD,HS ASSY(BAND/TU)<YU,YL>	
R216	87-022-375-080	C-RES,S 680K-1/10W F<YH,YJ,YZ>	
R217	87-022-374-080	C-RES,S 560K-1/10WF<YH,YJ,YZ>	
R275	87-022-359-080	C-RES,S22K-1/10WF<YU,YL>	
R276	87-022-359-080	C-RES,S22K-1/10WF<YU,YL>	
R277	87-022-361-080	C-RES,S 47K-1/10W F<YU,YL>	
SW213	87-036-304-080	C-SW,SL 1-1-2	
TH201	87-A90-547-080	C-THMS,47K (5%)NTH 5G<YU,YL>	
X201	87-A70-082-010	VIB,XTAL 75KHZ<YH>	
X201	87-A70-173-010	VIB,XTAL 75KHZ DT-261<EXCEPT YH>	

FLEX C.B

8Z-HRC-604-010 FF-CABLE, 17P

LCD DIAGRAM
LCD, HS ASSY (BAND/TU) <YU, YL>

GRID ASSIGNMENT



ANODE CONNECTION

No.	COM1	COM2	COM3
1	—	—	COM3
2	—	COM2	—
3	COM1	—	—
4	FM2	FM1	AM
5	FLAT	MID	EMP
6	1	T	FULL
7	1e	1f	HOLD
8	1d	1g	1a
9	POP	1c	1b
10	COL	TU	AM1
11	2e	2f	2a
12	2d	2g	2b
13	ROCK	2c	3f
14	P	3e	3g
15	3d	3c	3b
16	JAZZ	4f	3a
17	4e	4g	4a
18	4d	4c	4b
19	PRE	5e	*1*
20	5d	5g	5f
21	5c	5b	5a
22	—	FM ST	PM

○チップ抵抗部品コード／CHIP RESISTOR PART CODE

チップ抵抗部品コードの成り立ち

Chip Resistor Part Coding



A
抵抗部品コード
Resistor Code

桁表示
Figure

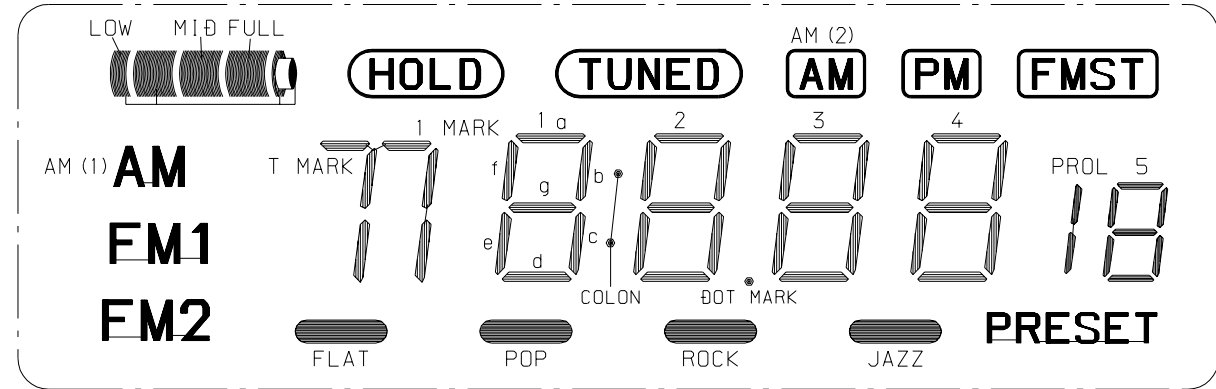
抵抗値
Value of resistor

チップ抵抗
Chip resistor

容量 Wattage	種類 Type	許容誤差 Tolerance	記号 Symbol	寸法／Dimensions				抵抗コード Resistor	:A :A
				外形／Form	L	W	t		
1/16W	1608	±5%	CJ		1.6	0.8	0.45	108	
1/10W	2125	±5%	CJ		2	1.25	0.45	118	
1/8W	3216	±5%	CJ		3.2	1.6	0.55	128	

LCD, HS ASSY (BAND/TU) <YH, YJ, YZ>

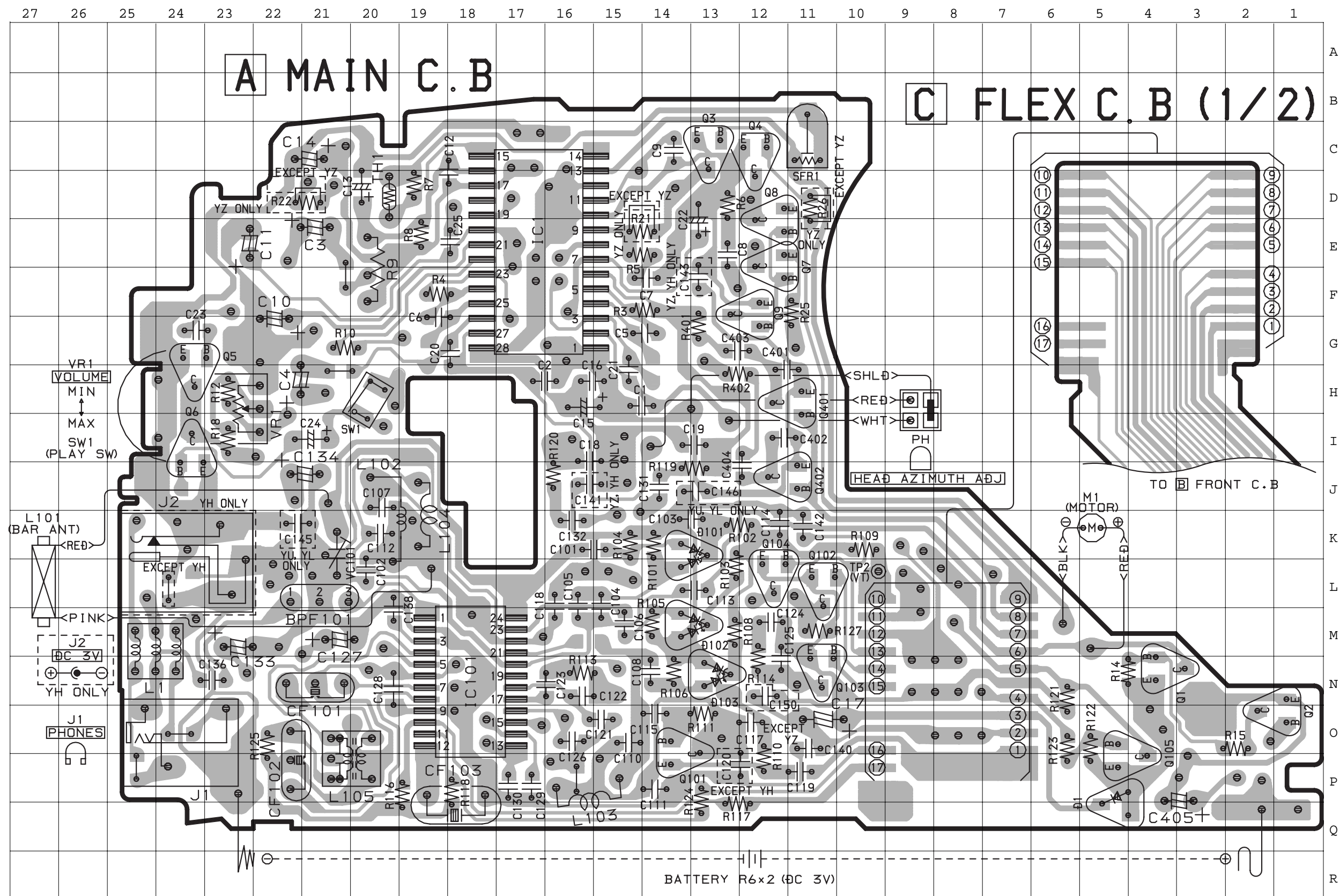
GRID ASSIGNMENT



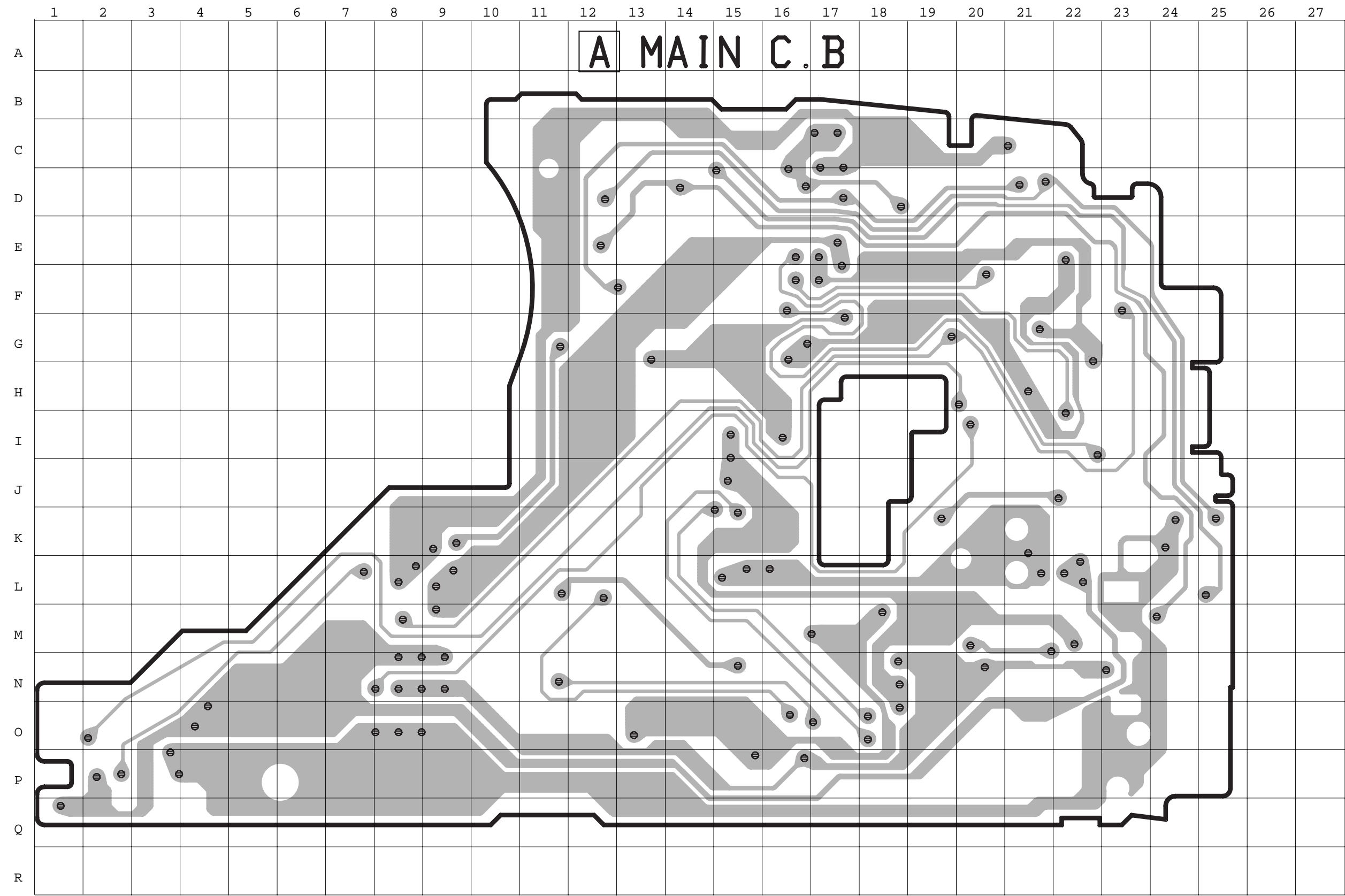
ANODE CONNECTION

NO.	COM1	COM2	COM3	COM4
1	COM1	—	—	—
2	—	COM2	—	—
3	—	—	COM3	—
4	—	—	—	COM4
5	LOW	AM (1)	FM1	FM2
6	MID	T MARK	1 MARK	FLAT
7	1a	1f	1g	1e
8	COLON	1b	1c	1d
9	FULL	2f	2e	POP
10	2a	2g	2d	—
11	HOLD	2b	2c	—
12	TUNED	3f	3e	DOT MARK
13	3a	3g	3d	ROCK
14	AM (2)	3b	3c	JAZZ
15	PM	4f	4e	—
16	4a	4g	4d	—
17	PROL	4b	4c	PRESET
18	5a	5f	5g	5e
19	FMST	5b	5c	5d

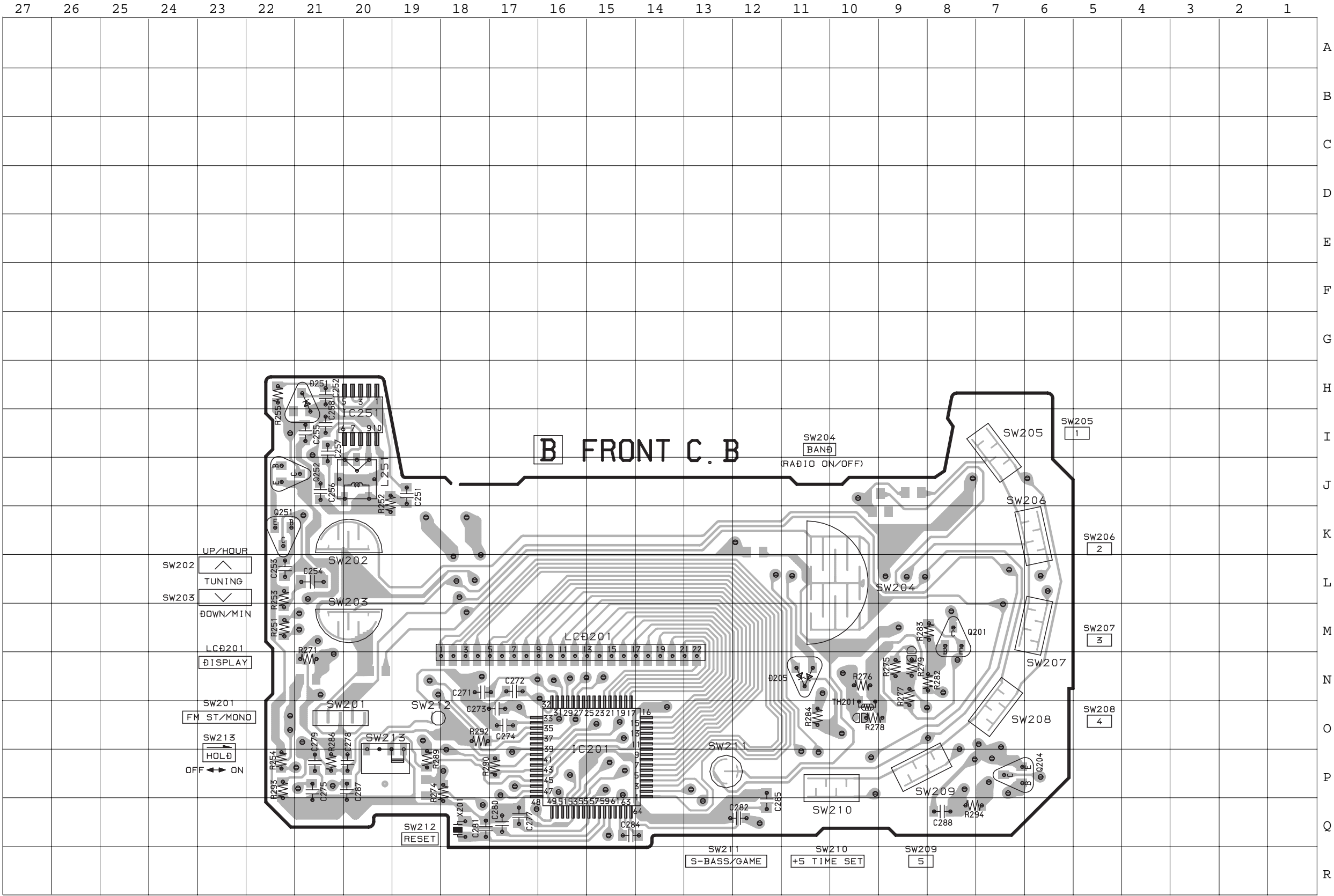
WIRING - 1 (MAIN)

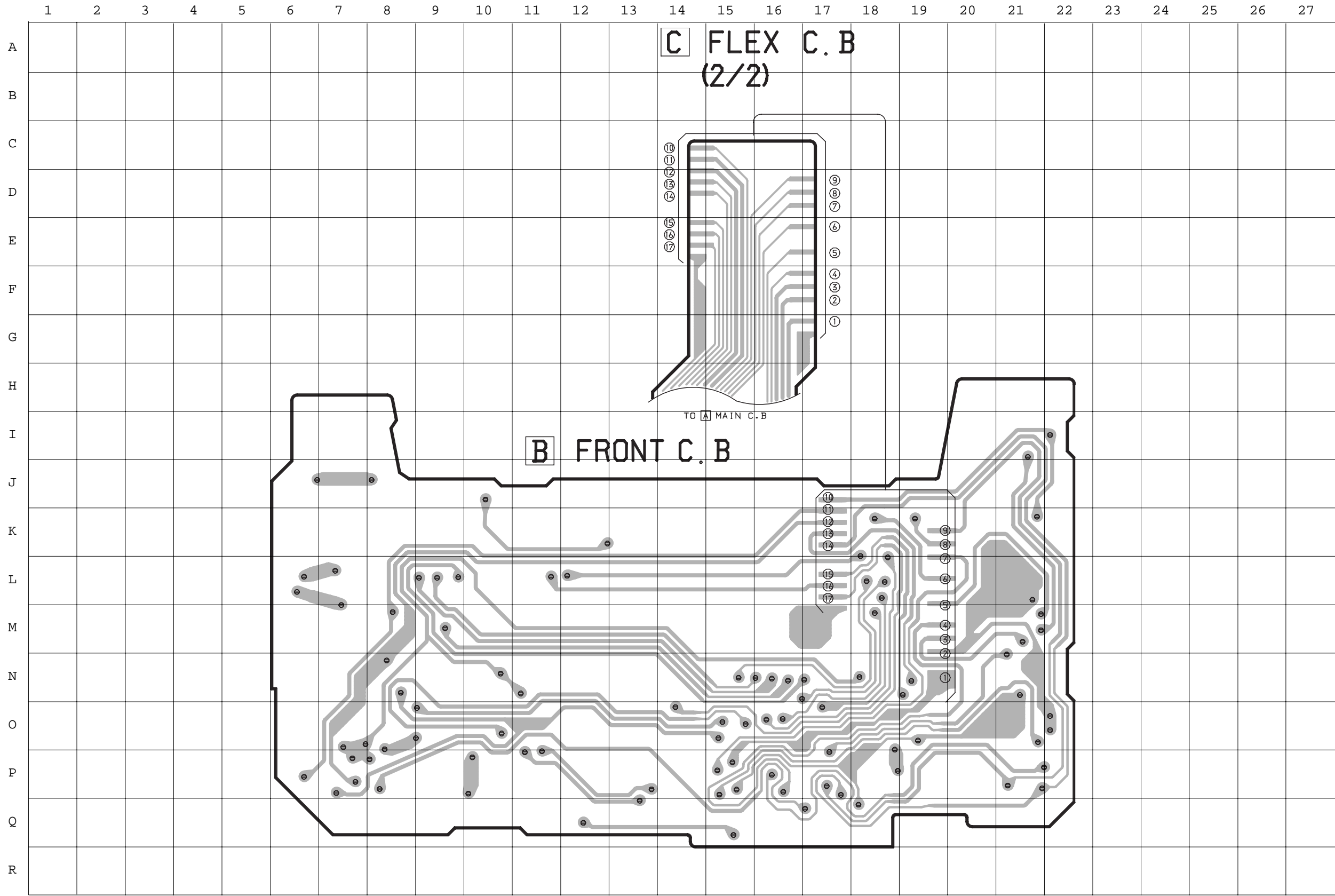


WIRING - 1 (MAIN)

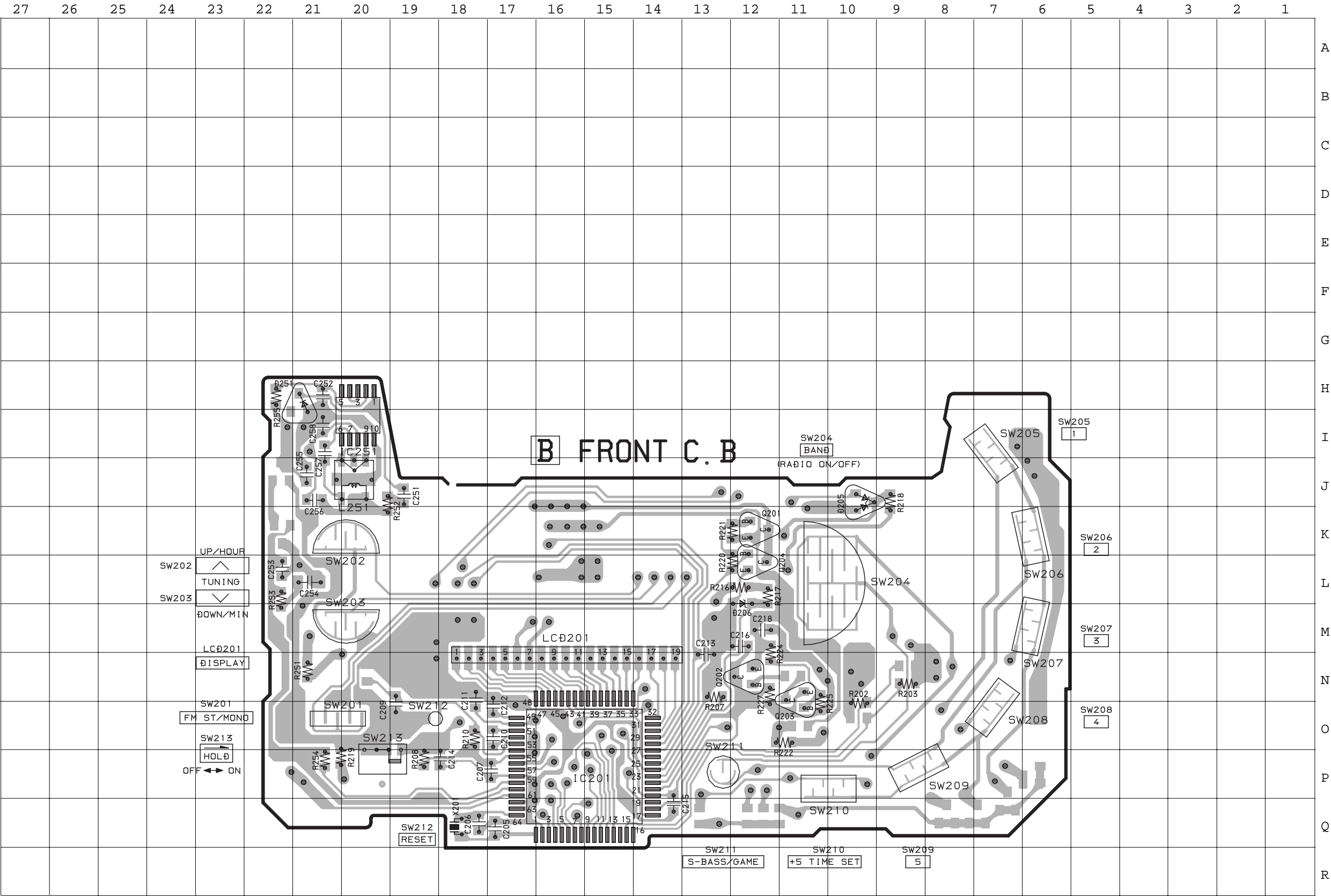


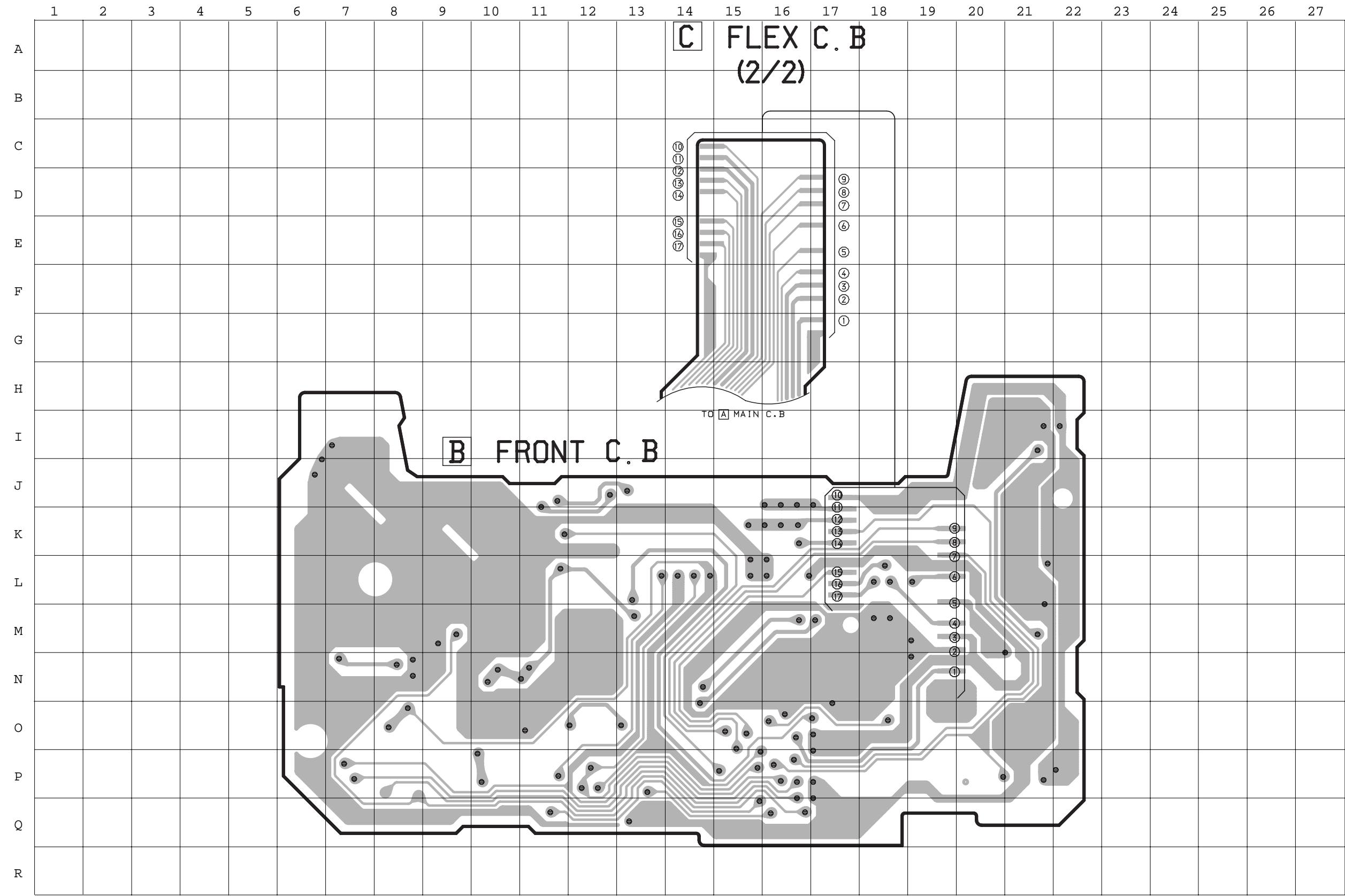
WIRING - 2 (FRONT: 1/2) <YU,YL>

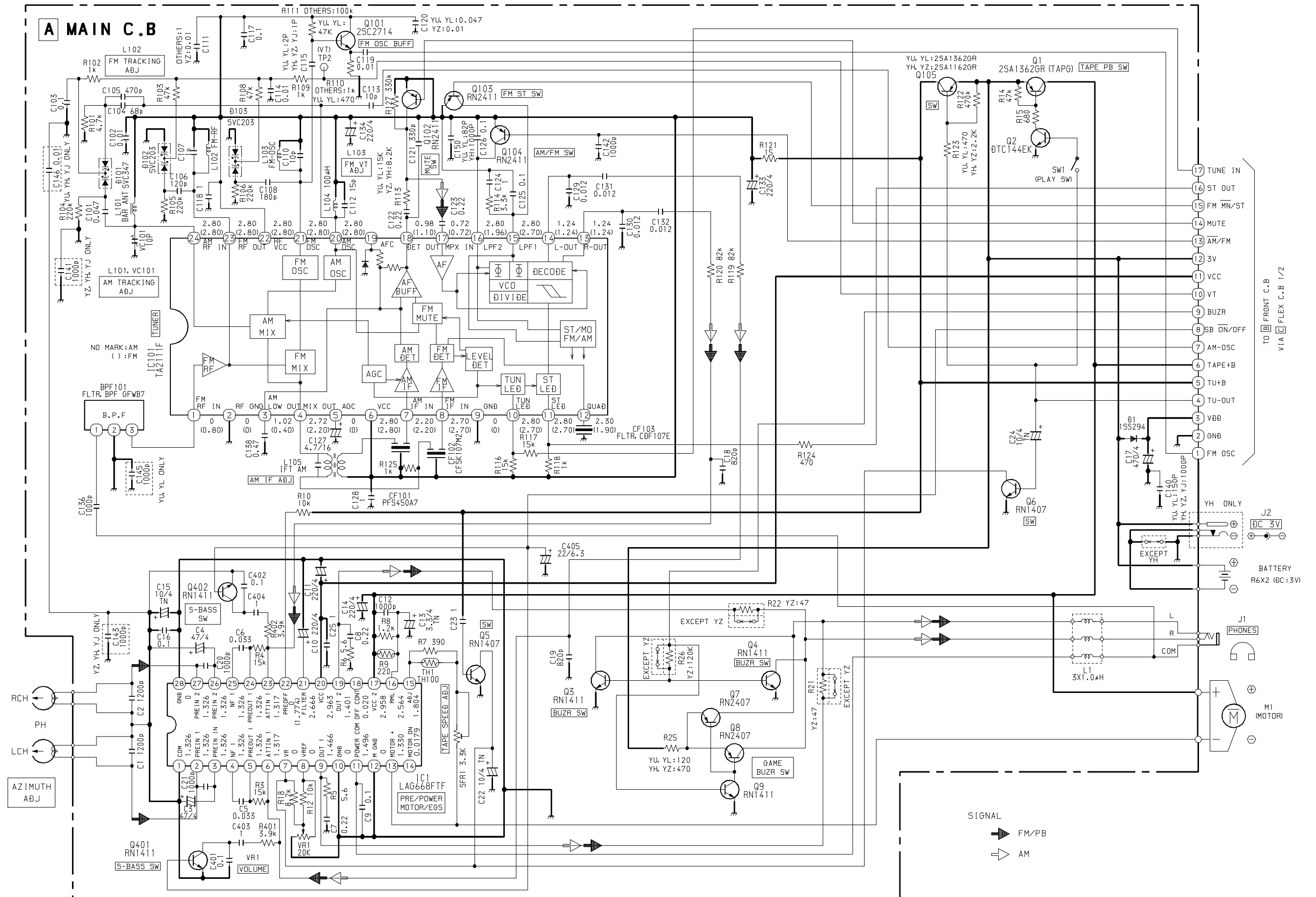


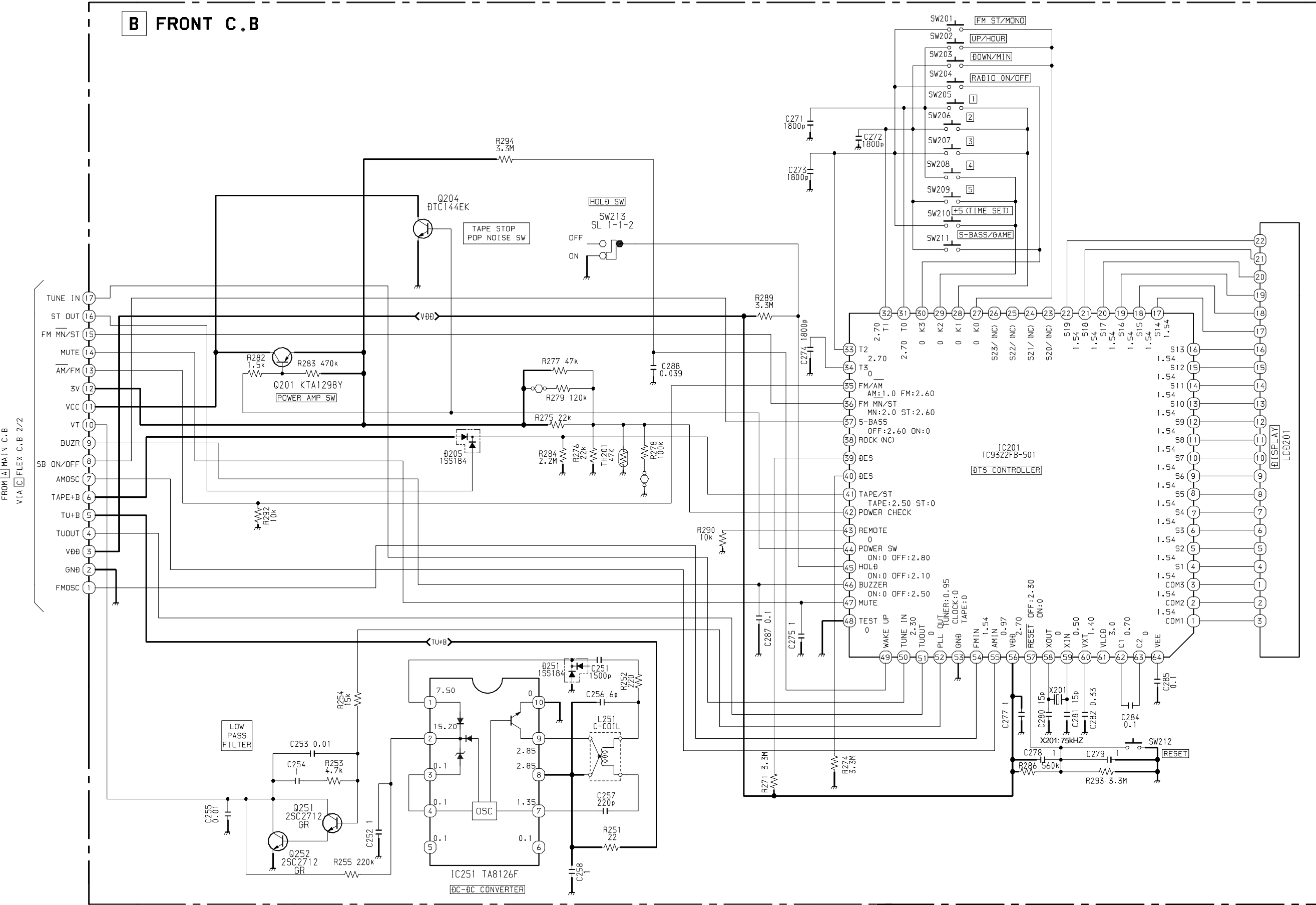


WIRING - 3 (FRONT: 2/2) <YH,YZ,YJ>





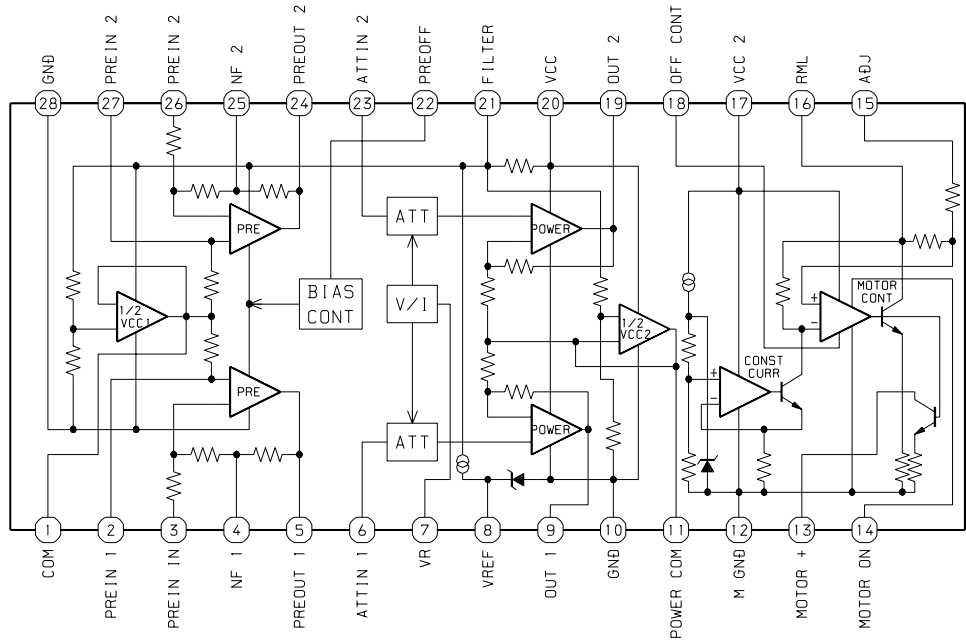






IC BLOCK DIAGRAM

IC, LAG668FTF



IC DESCRIPTION

IC, TC9322FB-501

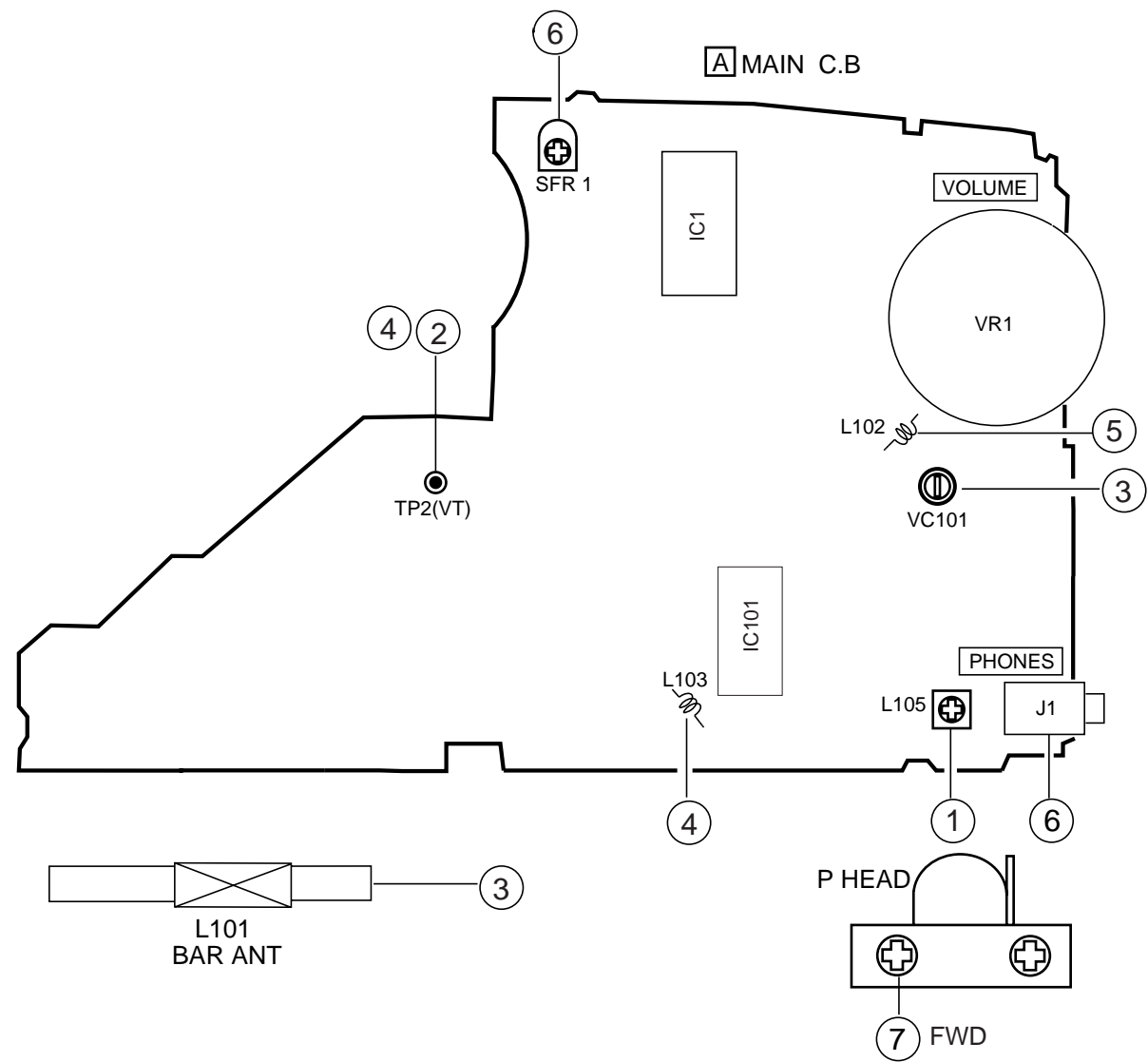
Pin No.	PinName	I/O	Description
1	COM 1	O	LCD commn output 1.
2	COM 2	O	LCD commn output 2.
3	COM 3	O	LCD commn output 3.
4	S1	O	LCD segment output.
5	S2	O	LCD segment output.
6	S3	O	LCD segment output.
7	S4	O	LCD segment output.
8	S5	O	LCD segment output.
9	S6	O	LCD segment output.
10	S7	O	LCD segment output.
11	S8	O	LCD segment output.
12	S9	O	LCD segment output.
13	S10	O	LCD segment output.
14	S11	O	LCD segment output.
15	S12	O	LCD segment output.
16	S13	O	LCD segment output.
17	S14	O	LCD segment output.
18	S15	O	LCD segment output.
19	S16	O	LCD segment output.
20	S17	O	LCD segment output.
21	S18	O	LCD segment output.
22	S19	O	LCD segment output.
23	S20 (NC)	O	LCD segment output. (Not connected)
24	S21 (NC)	O	LCD segment output. (Not connected)

Pin No.	PinName	I/O	Description
25	S22 (NC)	O	LCD segment output. (Not connected)
26	S23 (NC)	O	LCD segment output. (Not connected)
27	K0	I	Key matrix input.
28	K1	I	Key matrix input.
29	K2	I	Key matrix input.
30	K3	I	Key matrix input.
31	T0	O	Key return timing output.
32	T1	O	Key return timing output.
33	T2	O	Key return timing output.
34	T3	O	Key return timing output.
35	FM / AM	O	'H' : FM out, 'L' : AM out.
36	FM MN / ST	O	'H' : FM Stereo out, 'L' : FM Mono out.
37	S-BASS	O	S-BASS switching output. 'H': OFF, 'L' :ON.
38	ROCK	-	Not connected.
39	DES	I	These two input ports determine the destination.
40	DES	I	
41	TAPE / ST	I	In Clock mode: 'H' = LCD display TAPE. 'L' : = LCD display TIME. In FM Stereo mode : 'H' = FM ST indicator will Flash. 'L' = FM ST indicator no Flash.
42	POWER CHECK	I	A / D in for power supply voltage level.
43	REMOTE	I	A / D in for remote controller.
44	POWER SW	O	'H' : Power Off, 'L' : Power On.
45	HOLD	I	'H' : Hold Off, 'L' :Hold On.
46	BUZZER	O	Buzzer output.
47	MUTE	O	Mute output..
48	TEST	-	Connected to ground.
49	WAKE UP	I	Wake up the system from Memory back-up mode.
50	TUNE IN	I	'L' : LCD display 'TUNED'.
51	TU OUT	O	When tuner on, 'L' level is output.
52	PLL OUT	O	Phase comparison output.
53	GND	-	Ground terminal.
54	FMIN	I	FM oscillator signal input.
55	AMIN	I	AM oscillator signal input.
56	VDD	-	Supply voltage terminal.
57	RESET	I	System reset input.
58	XOUT	-	Crystal oscillator pin.
59	XIN	-	Crystal oscillator pin.
60	VXT	-	Power supply for crystal oscillator.
61	VLCD	-	Reference voltage for LCD driver.
62	C1	-	Voltage doubler boosting.
63	C2	-	
64	VEE	-	Connected to ground.

IC,LC72343G-9482

Pin No.	PinName	I/O	Description
1	XOUT	-	Crystal oscillator pin.
2	TEST2	-	Connected to ground.
3	PA3	I	Key matrix input.
4	PA2	I	Key matrix input.
5	PA1	I	Key matrix input.
6	PA0	I	Key matrix input.
7	PB3	O	Key return timing output.
8	PB2	O	Key return timing output.
9	PB1	O	Key return timing output.
10	PB0	O	Key return timing output.
11	FM / AM	O	'H' : FM out, 'L' : AM out.
12	FM ST / MN	O	'H' : FM Stereo out, 'L' : FM Mono out.
13	S-BASS	O	S-BASS switching output. 'H' : OFF, 'L': ON.
14	NC	-	Not connected.
15	DES	I	These two input ports determine the destination.
16	DES	I	
17	TAPE / ST	I	In Clock mode: 'H' = LCD display TAPE. 'L' = LCD display TIME. In FM Stereo mode : 'H' = FM ST indicator will Flash. 'L' = FM ST indicator no Flash.
18	POWER CHECK 1	I	Power check input port.
19	NC	-	Not connected.
20	BUZZER	O	Buzzer output.
21	POWER CHECK 2	I	Power check input port.
22	POWER CHECK 3	I	Constant 0.7V ref voltage for power check function.
23	REMOTE	I	A / D in for remote controller.
24	GND	-	Ground terminal.
25	POWER SW	O	'H' : Power Off, 'L' : Power On.
26	HOLD	I	'H' : Hold Off, 'L' : Hold On.
27	MUTE	O	'H' : Mute Off, 'L' : Mute On.
28	TU OUT	O	'H' : Tuner Off, 'L' : Tuner On.
29	TUNE IN	I	'L' : LCD displays 'TUNED'.
30	S15	O	LCD segment output.
31	S14	O	LCD segment output.
32	S13	O	LCD segment output.
33	S12	O	LCD segment output.
34	S11	O	LCD segment output.
35	S10	O	LCD segment output
36	S9	O	LCD segment output
37	S8	O	LCD segment output
38	S7	O	LCD segment output
39	S6	O	LCD segment output
40	S5	O	LCD segment output

Pin No.	PinName	I/O	Description
41	S4	O	LCD segment output.
42	S3	O	LCD segment output.
43	S2	O	LCD segment output.
44	S1	O	LCD segment output.
45	COM4	O	LCD commn output 4.
46	COM3	O	LCD commn output 3.
47	COM2	O	LCD commn output 2.
48	COM1	O	LCD commn output 1.
49	DBR4	-	LCDreference voltage.
50	DBR3	-	LCDreference voltage.
51	DBR2	-	Voltage doublerboosting.
52	DBR1	-	Voltage doublerboosting.
53	RESET	I	System reset input.
54	HCTR	-	Not connected.
55	VDD	-	Supply voltage terminal.
56	FMIN	I	FM oscillator signal input.
57	AMIN	I	AM oscillator signal input.
58	GND	-	Ground terminal.
59	PLL OUT	O	Phase comparison output.
60	LPF OUT	I	LPF output.
61	VT	O	VT input.
62	GND	-	Connected to ground.
63	TEST 1	-	Connected to ground.
64	XIN	-	Crystal oscillator pin.



<RADIO SECTION>

1. AM IF Adjustment
L105 450kHz
2. AM VT Check
Settings : • Test point : TP2 (VT)
Method : Set to AM 530kHz and check that the test point is more than 0.8V. Then set to AM 1710 kHz and check that the test point is less than 8.7V.
3. AM Tracking Adjustment
L101 630kHz
VC101 1440kHz
4. FM VT Adjustment
Settings : • Test point : TP2 (VT)
• Adjustment location : L103
Method : Set to FM 76MHz and adjust L103 so that the test point becomes 1.0V ± 0.1V. Then set to FM 108.1MHz and check that the test point is less than 8.5V.
5. FM Tracking Adjustment
L102 76MHz

<TAPE PLAYER SECTION>

6. Tape Speed Adjustment
Settings : • Test tape : TTA-100 (TAPE CENTRE)
• Test point : Phones Jack (J1)
• Adjustment location : SFR1
• Tape/radio : TAPE
• S-BASS : OFF
• Volume : NON-CLIP(MAX -10dB)
Method : Play back the test tape and adjust SFR1 for 3000 ± 10Hz. Then confirm WOW is less than 0.50%.
7. Azimuth Adjustment
Settings : • Test tape : TTA-330/TTA-420
• Test point : Phones Jack (J1)
• S-BASS : OFF
• Tape/radio : TAPE
• Volume : MAX
• Adjustment location : Head azimuth adjustment screw
Method : Play back the 8KHz signal of the test tape and adjust screw so that the output becomes maximum.

PRACTICAL SERVICE FIGURE

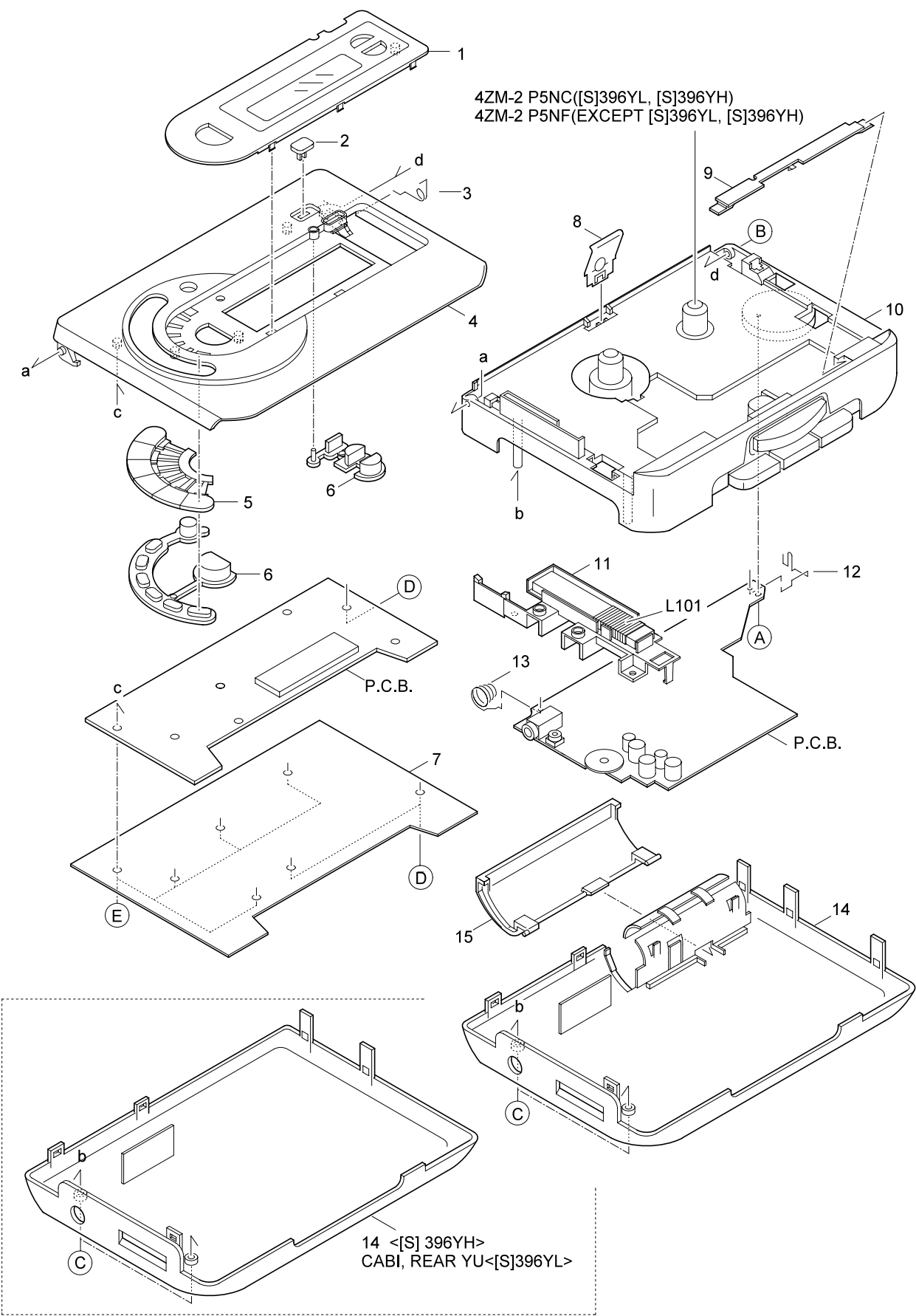
<TUNER SECTION>

Sensitivity : (IHF, THD 3%)	FM Less than 20dB [at 76MHz (YU,YL)] Less than 20dB [at 87.5MHz (YH,YJ,YZ)] Less than 20dB [at 90MHz (YU,YL)] Less than 20dB [at 98.1MHz (YH,YJ,YZ)] Less than 20dB [at 108.0MHz]
Sensitivity : (S/N 10dB)	AM Less than 59dB [at 630KHz] Less than 56dB [at 1000KHz (YU,YL)] Less than 56dB [at 999KHz (YH,YJ)] Less than 59dB [at 999KHz (YZ)] Less than 56dB [at 1440KHz (YU,YL,YH,YJ)] Less than 59dB [at 1440KHz (YZ)]
S/N Ratio	FM More than 43dB [at 76MHz (YU,YL)] More than 43dB [at 87.5MHz (YH,YJ,YZ)] More than 43dB [at 90MHz (YU,YL)] More than 43dB [at 98.1MHz (YH,YJ,YZ)] More than 43dB [at 108MHz] AM More than 25dB [at 630kHz (YU,YL,YH,YJ)] More than 24dB [at 630kHz (YZ)] More than 27dB [at 1000KHz (YU,YL)] More than 27dB [at 999KHz (YH,YJ)] More than 25dB [at 999KHz (YZ)] More than 27dB [at 1440KHz (YU,YL,YH,YJ)] More than 25dB [at 1440KHz (YZ)]
Intermediate frequency :	FM 10.7MHz ± 0.1MHz AM 450kHz ± 3KHz
FM stereo separation :	More than 16dB [at 90MHz (YU,YL)] More than 16dB [at 98.1MHz (YH,YJ,YZ)]

<TAPE SECTION>

Tape speed :	3000Hz ± 60Hz
Wow & flutter :	Less than 0.50% (RMS)
Take-up torque :	35 ~ 50g-cm (FWD)
F.F torque :	More than 36g-cm
Rew torque :	60 ~ 170g-cm
Back tension :	1.5 ~ 4.5g-cm (FWD)
S/N ratio :	More than 43dB (YU,YL,YH,YJ) More than 40dB (YZ)
Distortion :	Less than 3.0%
Noise level :	Less than 7.0mV (YU,YL,YH,YJ) Less than 4.0mV (YZ) (Vol MAX, without tape) Less than 0.3mV (YU,YL,YH,YJ) Less than 0.2mV (YZ) (Vol MIN, without tape)
Frequency response :	63Hz + 1/-5dB ~ 8kHz ± 4dB (NORMAL)
Test tape :	TTA - 100 TTA - 210 TTA - 320 (NORM)

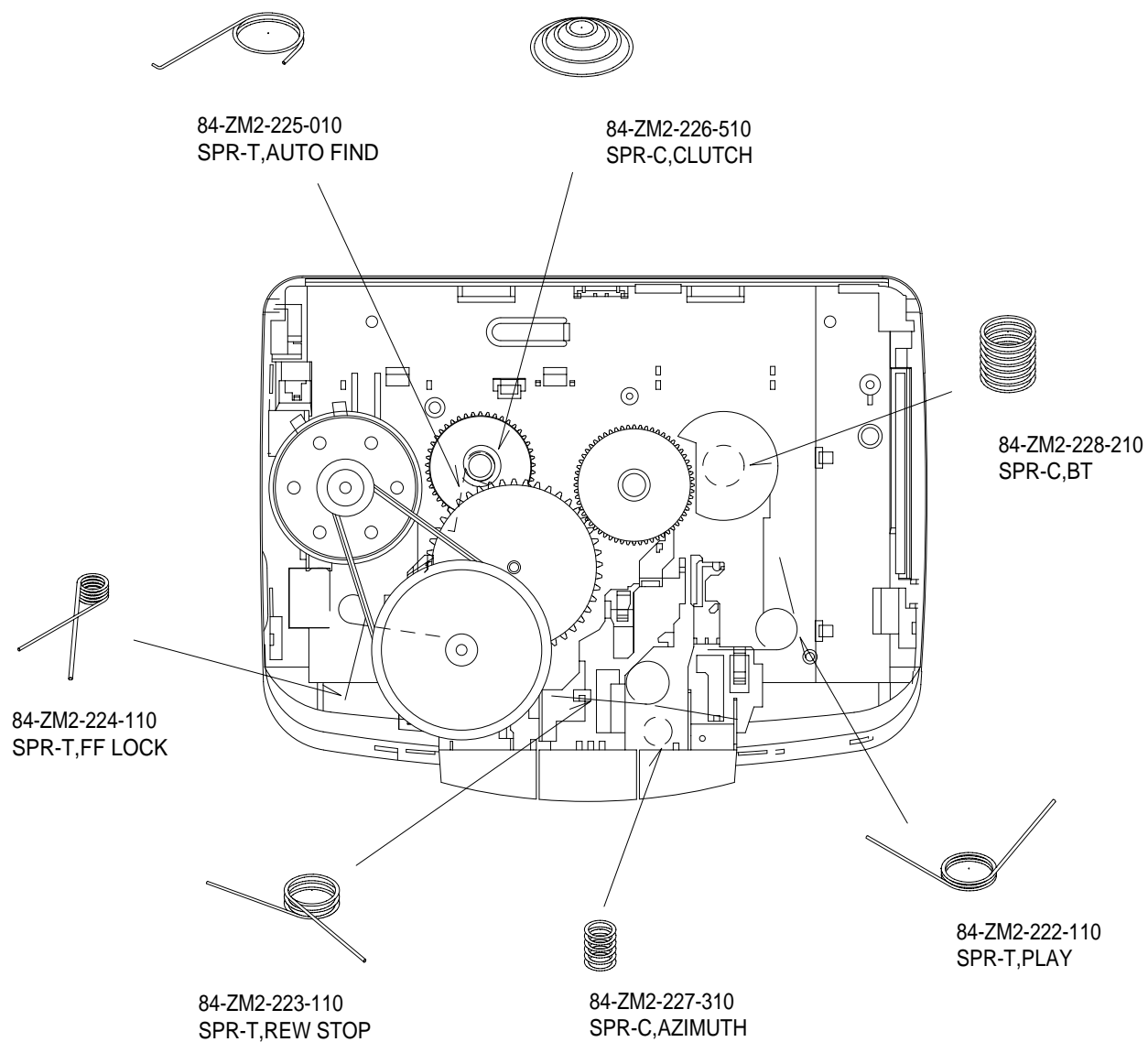
MECHANICAL EXPLODED VIEW 1/1



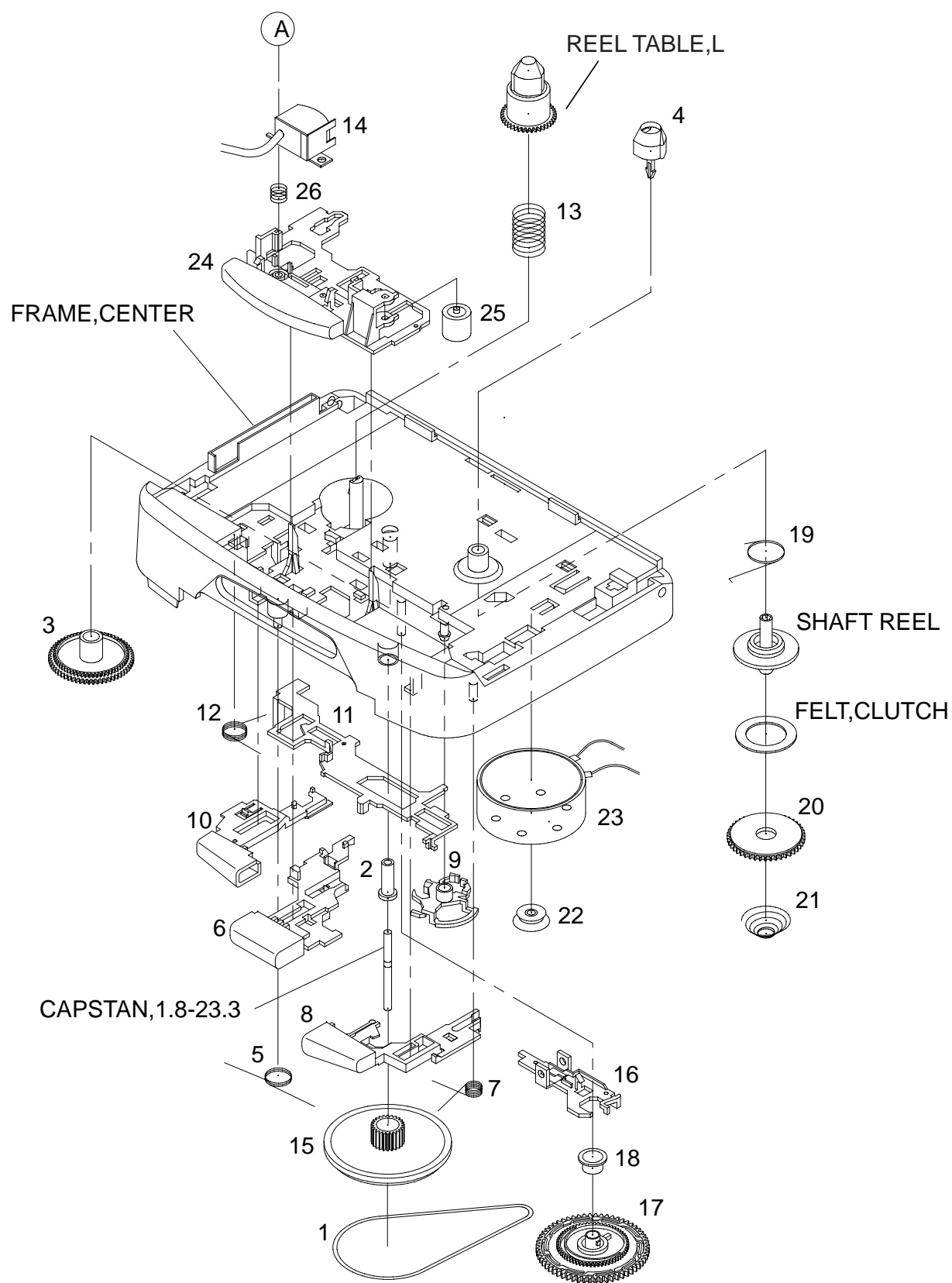
MECHANICAL PARTS LIST 1/1

REF.NO.	PARTNO.	KANRI NO.	DESCRIPTION
1	8Z-HRC-005-010		WINDOW,LCD
2	8Z-HRC-008-010		KNOB,SL HOLD<EXCEPT [L]394YL,[L]394YZ>
2	8Z-HRC-020-010		KNOB,SL HOLD BLUE<[L]394YL,[L]394YZ>
3	86-HRM-205-010		SPR-T,CLICK
4	8Z-HRC-012-010		LID,CASS 394<[S]394YU>
4	8Z-HRC-017-010		LID,CASS 394 EGS<[S]394YZ>
4	8Z-HRC-001-010		LID,CASS 396<[S]396YL1,[S]396YH,[S]396YLB,[S]396YL,396YJ>
4	8Z-HRC-018-010		LID,CASS 396 EGS<[S]396YZ>
4	8Z-HRC-013-010		LID,CASS BLUE<[L]394YL>
4	8Z-HRC-019-010		LID,CASS BLUE EGS<[L]394YZ>
4	8Z-HRC-038-010		LID,CASS <399YL>
5	8Z-HRC-040-010		CAP, FUNCTION SIL<[S]394YZ>
5	8Z-HRC-010-010		CAP, FUNCTION<[S]394YU,[L]394YL,[S]394YZ1B,[L]394YZ1B,[L]394YZ>
5	8Z-HRC-006-010		CAP, FUNCTION BLUE<[S]396YL1,[S]396YH,[S]396YLB,[S]396YL,[S]396YZ,396YJ,399YL>
6	8Z-HRC-007-010		BTN,FUNCTION
7	8Z-HRC-201-010		COVER, PCB
8	81-HK9-208-210		SPR-P,CASS A
9	8Z-HRC-204-010		PLATE,HEAD<EXCEPT [L]394YL,[L]394YZ>
9	8Z-HRC-207-010		PLATE,HEAD BLUE<[L]394YL,[L]394YZ>
10	8Z-HRC-002-010		FRAME,CENTER<EXCEPT [L]394YL,[L]394YZ>
10	8Z-HRC-014-010		FRAME,CENTER BLUE<[L]394YL,[L]394YZ>
11	8Z-HRC-202-010		HLDR,ANT
12	8Z-HRC-205-010		BAT-CONTACT,(+)
13	8Z-HRC-206-110		BAT-CONTACT,(-)
14	8Z-HRC-003-110		CABI,REAR<[S]396YH>
14	8Z-HRC-035-110		CABI,REAR ASSY BLUE<[L]394YL>
14	8Z-HRC-037-110		CABI,REAR ASSY BLUE<[L]394YZ>
14	8Z-HRC-036-110		CABI,REAR ASSY YU<[S]394YU,[S]396YL1,[S]396YLB,399YL>
14	8Z-HRC-034-110		CABI,REAR ASSY YZ<[S]394YZ1B,[S]394YZ,[S]396YZ>
15	8Z-HRC-004-010		LID,BATT<[S]396YH,[S]396YL>
A	87-264-525-310		SCREW, V+1.7-2.5
B	87-067-756-010		SCREW HINGE 1.4-4
C	87-B10-078-010		VT2+1.7-10(3) BLK
D	87-B10-178-010		VT2+1.4-4.5 W/O SLOT
E	87-078-052-010		S-SCREW+1.4-3.5HL(B)

SPRING APPLICATION POSITION



TAPE MECHANISM EXPLODED VIEW 1/1



TAPE MECHANISM PARTS LIST 1/1

REF.NO.	PARTNO.	KANRI NO.	DESCRIPTION
1	84-ZM2-244-010		BELT,MAIN Y
2	84-ZM2-220-110		BRG,P
3	84-ZM2-211-010		GEAR,CONNECT
4	84-ZM2-216-210		REEL TABLE,R
5	84-ZM2-223-110		SPR-T,REW STOP
6	84-ZM2-054-010		LEVER,REW THIN
7	84-ZM2-224-110		SPR-T,FF LOCK
8	84-ZM2-053-010		LEVER,FF THIN
9	84-ZM2-207-310		LEVER,AUTO
10	84-ZM2-055-010		LEVER,STOP THIN
11	84-ZM2-206-410		LEVER,LOCK
12	84-ZM2-222-110		SPR-T,PLAY
13	84-ZM2-228-210		SPR-C,BT
14	87-A90-272-010		HEAD,PH MS25P ETH
15	84-ZM2-221-110		FLY-WHL,P2
16	84-ZM2-208-310		LEVER,SHIFT
17	84-ZM2-210-210		GEAR,AUTO
18	84-ZM2-218-110		CAP,GEAR AUTO
19	84-ZM2-225-010		SPR-T,AUTO FIND
20	84-ZM2-212-010		GEAR,CLUTCH
21	84-ZM2-226-510		SPR-C,CLUTCH
22	84-ZM2-219-010		PULLEY,MOTOR
23	87-045-385-110		MOT,BCY3B
24	84-ZM2-052-010		LEVER,PLAY THIN
25	84-ZM2-233-110		ROLLER ASSY,PINCH
26	84-ZM2-227-310		SPR-C,AZIMUTH
A	84-ZM2-252-010		S-SCREW,AZI-2-6.4 C

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A4 ▶

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